

2. (Currently Amended) The moisture-activated adhesive composition according to claim 1, whereby at least 40% of the total ethylene oxide content is present as part of ~~the~~ reactant component (B).

3. (Currently Amended) The moisture-activated adhesive composition according to claim 1, further comprising propylene oxide, whereby the weight ratio of ethylene oxide to propylene oxide is at least 1 to 8, said propylene oxide being part of ~~the reactant~~ component (B) and/or from an additional polyol being present in the composition.

4. (Previously Amended) The moisture-activated adhesive composition according to claim 1, whereby the total nitrogen concentration of the total composition is from 0.002 to 0.05 eqN/100 g.

b1
5. (Currently Amended) The moisture-activated adhesive composition according to claim 1, wherein said ~~polymeric~~ polyisocyanate is a ~~polymeric diphenylmethane diisocyanate~~ said blend (a).

6. (Previously Amended) The moisture-activated adhesive composition according to claim 1, wherein said composition comprises an isocyanate-terminated prepolymer having an NCO content of 10 to 29%.

7. (Previously Amended) The moisture-activated adhesive composition according to claim 6, wherein said isocyanate-terminated prepolymer is the reaction product of polymeric diphenylmethane diisocyanate and a polyether polyol having a molecular weight of from 1000 to 6000.

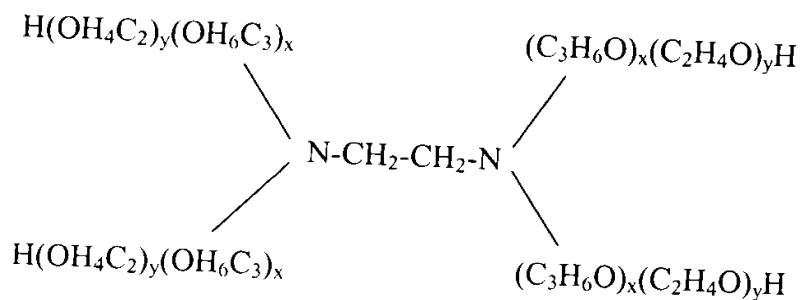
8. (Currently Amended) The moisture-activated adhesive composition according to claim 1, wherein ~~said reactant~~ component (B) is an aliphatic tertiary amine group-containing polyol having an ethylene oxide content of 1 to 90%.

9. (Previously Amended) The moisture-activated adhesive composition according to claim 8, wherein said aliphatic tertiary amine group-containing polyol has an ethylene oxide content of 5 to 60%.

10. (Previously Amended) The moisture-activated adhesive composition according to claim 1, wherein said aliphatic tertiary amine group-containing polyol has a molecular weight of 1500 to 10,000 and comprises an initiator having 1 to 18 carbon atoms.

11. (Previously Amended) The moisture-activated adhesive composition according to claim 1, wherein said aliphatic tertiary amine group-containing polyol is prepared from a compound selected from the group consisting of ethylene diamine, triethylene tetramine and triethanolamine.

12. (Previously Amended) The moisture-activated adhesive composition according to claim 11, wherein said aliphatic tertiary amine group-containing polyol is an ethylene diamine-based polyol having the following formula:



wherein x is an integer of 1 to 29.0 and y is an integer of 0.1 to 10.

13. (Previously Amended) The moisture-activated adhesive composition according to claim 1, further comprising a catalyst.

14. (Previously Amended) A process for bonding multiple substrates comprising:

- (1) applying to a surface of a first substrate a moisture-activated adhesive composition as defined in claim 1,
- (2) contacting said surface with a surface of a second substrate,
- (3) applying pressure to the contacted surfaces, and
- (4) curing said adhesive composition.

15. (Previously Amended) The process according to claim 14, wherein at least one said substrate has a moisture content of at least 7% by weight.

16. (Original) An engineered lumber product prepared by the process according to claim 14.

b1 17. (Currently Amended) The process for bonding according to claim ~~16~~ 14, wherein additional moisture is applied to the first substrate surface, the surface of the applied adhesive and/or the surface of the second substrate.
